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#### MISSISSIPPI STATE DEPARTMENT OF HEALTH

### BUREAU OF PUBLIC WATER SUPPLY

# CALENDAR YEAR 2010 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

	TOWN OF INVERNES	SS		
	Public Water S	upply Name		
	#0670007			
	List PWS ID #s for all Water Sy	stems Covered by th	is CCR	
must l	Tederal Safe Drinking Water Act requires each <i>communit</i> lence report (CCR) to its customers each year. Depending to be mailed to the customers, published in a newspaper of locates.	of the population serving the circulation, or provide the circulation, or provide the circulation is the circulation serving serving the circulation serving serving the circulation serving serving the circulation serving the circulation serving the circulation serving the circulation serving serving serving the circulation serving s	ved by the public water system, this ided to the customers upon request.	isume s CCI
Please	Answer the Following Questions Regarding the Consume	r Confidence Report	t	
	Customers were informed of availability of CCR by: (Atta	ich copy of publicati	ion, water bill or other)	
	Advertisement in local paper  ☐ On water bills  ☐ Other			
	Date customers were informed:/_/			
	CCR was distributed by mail or other direct deliver	y. Specify other di	irect delivery methods:	
	Date Mailed/Distributed: / /			
<b>15</b>	CCR was published in local newspaper. (Attach copy of pr	ublished CCR or pro	of of nublication)	
	Name of Newspaper: ENTERPRISE-TOCSIN	o oze or proc	oj oj publiculionj	
	Date Published: 05 26 2011			
$\mathbf{X}$	CCR was posted in public places. (Attach list of locations)			
	Date Posted: 05/24/2011		st Office, Inverness Libr	ary
	CCR was posted on a publicly accessible internet site at the	address: www.		
<u>CERTI</u>	FICATION	***************************************		
consiste	certify that a consumer confidence report (CCR) has been and manner identified above. I further certify that the int with the water quality monitoring data provided to the theory of Health, Bureau of Public Water Supply.	distributed to the cunformation included ne public water syst	ustomers of this public water system in this CCR is true and correct an tem officials by the Mississippi S	m in id is State
Y/a	Title (President, Mayor) Owner, etc.)	Ma	ay 23, 2011	
1 VUITIE/ I	All Company of the Co	-	Date	
	Mail Completed Form to: Bureau of Public Water Phone: 601-57	Supply/P.O. Box 170 6-7518	00/Jackson, MS 39215	

570 East Woodrow Wilson • Post Office Box 1700 • Jackson, Mississippi 39215-1700 601/576-7634 • Fax 601/576-7931 • www.HealthyMS.com

## 2010 Annual Drinking Water Quality Report Town of Inverness

Fown of Inverness PWS#: 0670007 May 2011 2011 JULI - 1 AM 9: 10

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is from two wells drawing from the Sparta Sand Aquifer.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identify potential sources of contamination. The general susceptibility rankings assigned to each well of this system are provided immediately below. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the Town of Inverness have received moderate susceptibility rankings to contamination.

If you have any questions about this report or concerning your water utility, please contact David Smith at 662.265.5741. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the first Tuesday of each month at 5:30 PM at the Town Hall.

We routinely monitor for constituents in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that were detected during the period of January 1st to December 31st, 2010. In cases where monitoring wasn't required in 2010, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level (MCL) - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL) – The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) – The level of a drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure- ment	MCLG	MCL	Likely Source of Contamination
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10. Barium	N	2010	.001	.0007001	ppm		2		Discharge of drilling wastes;     discharge from metal refineries;     erosion of natural deposits
13. Chromium	N	2010	5.5	3.9 – 5.5	ppb		100	10	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2008*	.1	0	ppm		1.3	AL=1.	3 Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride**	N	2010	.53	.14 – .53	ppm		4		4 Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2008*	7	0	ppb		0	AL=1	5 Corrosion of household plumbing systems, erosion of natural deposits
21. Selenium	N	2010	.6	No Range	ppb		50	5	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
Disinfectio	n By-	Product	S						
81. HAA5	N	2005*	16	No Range	ppb	0		60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2005*	16	No Range	ppb	0			By-product of drinking water chlorination.
Chlorine	N	2010	.85	.61 – 1.12	ppm	0	MDF	RL = 4	Water additive used to control

<sup>\*</sup> Most recent sample. No sample required for 2010.

As you can see by the table, our system had no violations. We're proud that your drinking water meets or exceeds all Federal and State requirements. We have learned through our monitoring and testing that some constituents have been detected, however, the EPA has determined that your water IS SAFE at these levels.

microbes

We are required to monitor your drinking water for specific constituents on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our Water Association is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing. Please contact 601.576.7582 if you wish to have your water tested.

To comply with the "Regulation Governing Fluoridation of Community Water Supplies", the TOWN OF INVERNESS is required to report certain results pertaining to fluoridation of our water system. The number of months in the previous calendar year that average fluoride sample results were within the optimal range of 0.7-1.3 ppm was 0. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.7-1.3 ppm was 0%.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline 1-800-426-4791.

The Town of Inverness works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

<sup>\*\*</sup> Fluoride level is routinely adjusted to the MS State Dept of Health's recommended level of 0.7 - 1.3 mg/l.

### AFFIDAVIT OF PUBLICATION

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STATE OF MISSISSIPPI COUNTY OF SUNFLOWER CITY OF INDIANOLA:	The Enterprise-To	24 . , .	S-13   1   1   1   1   1   1   1   1   1
Personally appeared before me, a	, Notary Public, in and for s	aid County a	nd State,
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was published in said newspaper	·/ weeks, as foll	ows:	
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And I further certify that I Tocsin, above referred to, and fin	have examined the sev	eral copies o	of The Enterprise olished as stated
Subscribed and sworn to he had been subscribed and sworn to	1/S.S	_	, 1

We're pleased to present to you this year's Annual Quality and services we deliver to you every day. Our constant got want you to understand the efforts we make to continually are committed to ensuring the quality of your water. Our wa

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N	2006*	.1	C
N	2010	.53	.14
N	2008*	7	0
N	2010	.6	No R
	N N N	N 2010 N 2008* N 2010 N 2008*	N 2010 5.6 N 2008 .1 N 2010 .53 N 2006 7

#### Disinfection By-Products

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PRESORTED FIRST-CLASS MAIL U.S. POSTAGE PAID PERMIT NO. 4 INVERNESS, MS RETURN THIS STUB WITH PAYMENT TO: **TOWN OF INVERNESS** の1ーク5の6の内の の4/2の ERVICE ADDRESS P.O. BOX 166 INVERNESS, MS 38753 PAY GROSS AMOUNT AFTER DUE DATE PAY NET AMOUNT ON OR BEFORE DUE DATE SAVE THIS **GROSS AMOUNT** NET AMOUNT 40.75 38. 70 39620 39690 CHARGE FOR SERVICES CONSUMER CONFIDENCE REPORT PUBLISHED IN LOCAL NEWSPAPER 15.50 WTR RETURN SERVICE REQUESTED 8.25 SWR 15.00 GRB 01-0506000 38.75 NET DUE >>> KATHERINE SMITH SAVE THIS >> 2.00 40.75 1208 MOORE STREET GROSS DUE >> INVERNESS, MS 38753

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